

# Bill Tyros. Software Engineer

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Bilingual:    English    French

Python    JS    C#    C++    Go

## Work Experience

2022-TBD / Senior Software Engineer @ Sonder

Python    PostgreSQL

- Grew revenue across the business by building and maintaining Sonder's dynamic pricing system.
- Headed team to build a new dynamic pricing system to integrate with a third party PMS.

2019-2022 / Software Engineer @ Morgan Stanley

Python    Typescript    Jenkins    Flask    pandas    DB2    Sybase    Angular2

- Developed code to collect data from in-house and vendor sources (like Jira, BitBucket, Splunk, Sonar, etc.), analyze it and present it to devs (badges to encourage best practices) and to upper management (metrics/charts to guide decision-making).
- Developed several self-service web apps (querying agile/devops metrics, JIRA admin).
- Improved devops processes within the team (Jenkins jobs, pull request validation, etc.).

2017-2019 / Programmer @ Framestore VR

C++    Python    Jenkins    P4    UE4

- Developed Unreal Engine 4 plugin for importing art assets from Shotgun/P4.
- Developed system to detect changed assets, generate and upload turntables for review.

2016-2017 / Programmer @ Borealis Games

C#    Python    TeamCity    Unity

- Developed UI/UX, gameplay systems, time debugging tools and build automation.

2013-2014 / Software Developer @ CAE

C#    ASP.NET    HTML/CSS/JS    PHP

- Developed web applications to help with project management and scheduling.

## Recent Personal Projects

- Pig Eat Ball Speedrunning Tool: Pig Eat Ball game mod for speedrunning (C#).
- Marcus Aurelius' Meditations Explorer: web app to help study/share the Meditations (JS).

## Education

2015-2016 Interactive Real Time Systems Development (University of Sherbrooke)

2012-2015 B.Sc. Software Engineering (Honours) (McGill University)